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Amendments to the Title

Please amend the Title to the following:

--METHOD OF AND APPARATUS FOR IMAGE PROCESSING, IMAGE PROCESSING SYSTEM, AND IMAGE FORMING APPARATUS IMAGE PROCESSING SYSTEM, APPARATUS AND METHOD FOR UPDATING A PRINTER PROFILE BASED ON COMPARISON OF PREVIOUS AND CURRENT MEASUREMENTS OF COLOR CHART--.

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Amendments to the Specification

Please amend the paragraph bridging pages 1 and 2, in the following manner:

To obtain the output color space using the above method, it is required to create an appropriate printer profile. To create a printer profile, it is necessary to perform colorimetric processing by outputting a color chart including an extremely larger number of color patches than that of a target printer. As a result, the operation of creating the printer profile produces quite a load on processing resources.

Please amend the paragraph bridging pages 10 and 11, in the following manner:

As shown in Fig. 2B, each distance (or color difference) between Lab values 211 obtained by measuring output color patches 210 and Lab values of reference white (e.g., paper white) of a medium for printing, is obtained. At this time, a distance 212 as ΔE76 ("ΔE76 distance") is calculated by the color difference formula according to the CIE1976Lab color system (CIE, Commission Internationale de L'Eclairage, International Commission on Illumination), and a distance 213 as ΔE94 ("ΔE94 distance") is calculated by the CIE1994 color difference formula. Further, a difference ("distance between color differences") 214 between the ΔE76 distance and the ΔE94 distance is obtained to allow detailed characteristics of a target color to be acquired in a numerical form. Subsequently, an N-dimensional input vector is converted to a one-dimensional vector value 216 using a second conversion table LUT 215 in the feature amount converting unit 12. At this time, the number N of dimensions of an input vector is 3 (N=3) if only the ΔE76 distance 212, the ΔE94 distance 213, and the distance 214 between the color differences are combined. Further, N=6 if the Lab measured values 211 are combined [[the]] with ΔE76 distance 212, the ΔE94 distance 213, and the distance 214 between the color differences.